

AMENDMENTS TO THE CLAIMS

Please cancel Claim 2; and amend Claims 1, 12 and 20 as follows.

LISTING OF CLAIMS

1. (previously presented) A damper comprising:
 - a pressure tube forming a working chamber;
 - a gas disposed within said working chamber;
 - a first piston disposed within said working chamber, said first piston dividing said working chamber into an upper working chamber and a lower working chamber;
 - a source of pressurized gas in selective communication with said working chamber; [[and]]
 - an electronic control unit in communication with said source of pressurized gas for continuously controlling pressure of said gas disposed within said upper and lower working chambers of said working chamber;
 - a first electronic valve for controlling flow of said gas through said first piston; and
 - a control unit in electrical communication with said first electronic valve, said control unit controlling opening and closing of said first electronic valve.

2.-5. (cancelled)

6. (withdrawn) The damper according to Claim 1 wherein said system comprises:

a reservoir of gas in communication with said working chamber;

a first valve disposed between said reservoir and said upper working chamber;

a second valve disposed between said reservoir and said lower working chamber; and

a first control unit in communication with said first and second valves, said first control unit controlling opening and closing of said first and second valves.

7. (withdrawn) The damper according to Claim 6 further comprising:

a valve for controlling flow of said gas through said first piston; and

a second control unit in communication with said valve, said second control unit controlling opening and closing of said valve.

8. (withdrawn) The damper according to Claim 6 further comprising a third valve disposed within said reservoir, said third valve dividing said reservoir into an upper reservoir and a lower reservoir, said first valve being in communication with said upper reservoir, said second valve being in communication with said lower reservoir, said third valve being in communication with said first control unit, said first control unit controlling opening and closing of said third valve.

9. (withdrawn) The damper according to Claim 8 further comprising:
a valve for controlling flow of said gas through said first piston; and
a second control unit in communication with said valve, said second control unit controlling opening and closing of said valve.

10. (withdrawn) The damper according to Claim 1 wherein said system comprises:

a first reservoir of gas in communication with said upper working chamber;
a first valve disposed between said first reservoir and said upper working chamber;

a second reservoir of gas in communication with said lower working chamber;

a second valve disposed between said second reservoir and said lower working chamber; and

a first control unit in communication with said first and second valves, said first control unit controlling opening and closing of said first and second valves.

11. (withdrawn) The damper according to Claim 10 further comprising:
a valve for controlling flow of said gas through said first piston; and
a second control unit in communication with said valve, said second control unit controlling opening and closing of said valve.

12. (currently amended) The damper according to Claim 1 further comprising:

- a second piston disposed within said upper working chamber, said second piston defining an intermediate working chamber disposed between said upper and lower working chambers;
- ~~a first valve for controlling flow of said gas through said first piston;~~
- a second electronic valve for controlling flow of said gas through said second piston; and

[[a]] said control unit in electrical communication with said ~~first and second valves~~ electronic valve, said control unit controlling opening and closing of said ~~first and second valves~~ electronic valve.

13.-19. (cancelled)

20. (currently amended) A damper comprising:

- a pressure tube forming a working chamber;
- a gas disposed within said working chamber;
- a first piston disposed within said working chamber;
- a second piston disposed within said working chamber, said first and second pistons dividing said working chamber into an upper working chamber, an intermediate working chamber and a lower working chamber;
- a first electronic valve for controlling the flow of said gas though said first piston;

a second electronic valve for controlling flow of said gas through said second piston;

a control unit in electrical communication with said first and second electronic valves, said control unit controlling opening and closing of said first and second electronic valves;

a source of pressurized gas in selective communication with said working chamber; and

an electronic control unit in communication with said source of pressurized gas for continuously controlling pressure of said gas disposed within said upper and lower chambers of said working chamber.